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17157 U.S.P.T.O.

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

50508-1061

First Inventor

Hill, et al.

Title

METHODS FOR REMOVING A CONTAMINANT BY A
POLYOXOMETALATE-MODIFIED FABRIC OR A
POLYOXOMETALATE-MODIFIED CELLULOSIC
FIBER AND FABRICS THEREOF

Express Mail Label No.

EL 993860021 US

APPLICATION ELEMENTS		ADDRESS TO:	
See MPEP Chapter 600 concerning utility patent application contents		Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
1.	<input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	7.	<input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2.	<input checked="" type="checkbox"/> Applicant claims small entity status. See CFR 1.27	8.	<input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3.	<input checked="" type="checkbox"/> Specification (preferred arrangement set forth below) <ul style="list-style-type: none"> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed. Sponsored R&D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure 	42	a. <input type="checkbox"/> Computer Readable Copy (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper
4.	<input checked="" type="checkbox"/> Drawing(s) (35 USC 113)	5.	<input type="checkbox"/> Statements verifying identity of above copies
5.	Oath or Declaration	6.	Assignment Papers (cover sheet & Documents(s))
a.	<input type="checkbox"/> Newly Executed (original or copy)	7.	<input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee)
b.	<input checked="" type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 18 completed)	8.	<input type="checkbox"/> Power of Attorney
i.	<input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	9.	<input checked="" type="checkbox"/> English Translation Document (if applicable)
6.	<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	10.	<input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:	11. <input type="checkbox"/> Preliminary Amendment		
<input type="checkbox"/> Continuation	<input checked="" type="checkbox"/> Divisional	<input type="checkbox"/> Continuation-in-part (CIP)	of prior application No: 09/673,187.
Prior application information: Examiner John D. Pak Group / Art Unit: 1616			
For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.			
18. CORRESPONDENCE ADDRESS			
<input checked="" type="checkbox"/> Customer Number:	24504		OR <input type="checkbox"/> Correspondence address below:
NAME	Christopher B. Linder, Ph.D. Thomas, Kayden, Horstemeyer & Risley, L.L.P.		
ADDRESS	100 Galleria Parkway Suite 1750		
CITY	Atlanta	STATE	Georgia
COUNTRY	U.S.A.	TELEPHONE	ZIP CODE 30339-5948 FAX 770-951-0933
Name (Print/Type)		Christopher B. Linder, Ph.D.	
Signature		Date 1/29/04	

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

17157 U.S. PTO
012104
**FEE TRANSMITTAL
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revisions.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 425.00)

Complete If Known	
Application Number	TBA (Parent 09/673,187)
Filing Date	January 29, 2004
First Named Inventor	Hill, et al.
Examiner Name	TBA (Parent John D. Pak)
Group / Art Unit	1616
Attorney Docket No.	50508-1061

METHOD OF PAYMENT (check all that apply) Check Credit Card Money Order Other None Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstermeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEES CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility Filing Fee	385.00
1002	340	2002	170	Design Filing Fee	
1003	530	2003	265	Plant Filing Fee	
1004	770	2004	385	Reissue Filing Fee	
1005	160	2005	80	Provisional Filing Fee	
SUBTOTAL (1)				(\$385.00)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Large Entity	Small Entity	Extra Claims	Fee From Below	Fee Paid
Total Claims	6	- 20** =	0	X 9.00 = 0
Independent Claims	1	- 3** =	0	X 43.00 = 0
Multiple Dependent				145.00 = 0
SUBTOTAL (2)				(\$0)

FEES CALCULATION (continued)**3. ADDITIONAL FEES**

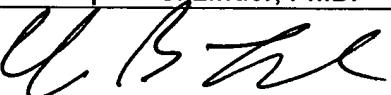
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code 1051	Fee Code 2051	Fee (\$ 65	Surcharge-late filing fee or oath
1052	2052	25	Surcharge-late provisional filing fee or cover sheet
1053	1053	130	Non-English specification
1812	1812	2,520	For filing a request for ex parte reexamination
1804	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1805	1,840*	Requesting publication of SIR after Examiner action
1251	2251	55	Extension for reply within first month
1252	2252	210	Extension for reply within second month
1253	2253	475	Extension for reply within third month
1254	2254	740	Extension for reply within fourth month
1255	2255	1,005	Extension for reply within fifth month
1401	2401	165	Notice of Appeal
1402	2402	165	Filing a brief in support of an appeal
1403	2403	145	Request for oral hearing
1451	1451	1,510	Petition to institute a public use proceeding
1452	2452	55	Petition to revive-unavoidable
1453	2453	655	Petition to revive-unintentional
1501	2501	665	Utility issue fee (or reissue)
1502	2502	240	Design issue fee
1503	2503	320	Plant issue fee
1460	1460	130	Petitions to the Commissioner
1807	1807	50	Processing fee for provisional application
1806	1806	180	Submission of Information Disclosure Stmt
8021	8021	40	Recording each patent assignment per property (times number of properties)
1809	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	2810	385	For each add. invention to be examined (37 CFR 1.129(b))
1801	2801	385	Request for Continued Examination (RCE)
1802	1802	900	Request for expedited exam. of a design application
Other fee (specify)			
SUBTOTAL (3)			(\$ 40.00)

**or number previously paid, if greater; For Reissues, see above

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name Signature	Christopher B. Linder, Ph.D. 	Registration No. 47,751	Telephone Number	770-933-9500
			Date	1/29/04

WARNING: Information on this form may become public. Credit Card information should not be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENTS

In re: Hill, et al.

For: **Methods for Removing A Contaminant By A Polyoxometalate-Modified Fabric or a Polyoxometalate-Modified Cellulosic Fiber and Fabrics Thereof**

CERTIFICATE OF EXPRESS MAIL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

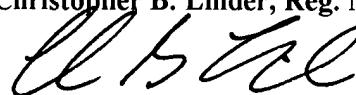
Enclosed for filing in the above case are the following documents:

Return Postcard
Utility Patent Application Transmittal Page
Fee Transmittal Page
Utility Patent Application Consisting Of:
 33 Pages of Specification
 8 Pages of Claims (Claims 1-56)
 1 Page of Abstract
 3 Pages of Formal Drawings (Fig(s). 1-3)
Preliminary Amendment
Declaration (Copy from Parent Case)
Assignment and Recordation Cover Sheet
Information Disclosure Statement
PTO-Form 1449
Credit Card Authorization in the Amount of \$425.00

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

Christopher B. Linder, Reg. No. 47,751



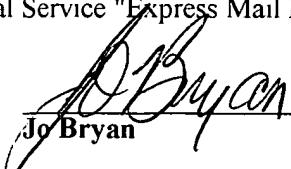
THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, N.W.
Suite 1750
Atlanta, Georgia 30339-5948

Our Docket No: 50508-1061

I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee"
Package # EL 993860021 US.

Date: Jan. 29, 2004


Jo Bryan